

Location of Supports for LINAC SCC Modules

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May 28, 1993

1 Objective

The objective of this communication is to locate the centerlines of the support legs for the LINAC side-coupled cavity modules relative to the downstream end of the flange on LINAC Tank 5.

2 Location of SCC Module Supports

The diagram in Figure 1 illustrates the geometry of the LINAC Upgrade modules and the notation used. A and B denote the upstream and downstream support legs for each module. DT5FA (DT5FB) is the relative displacement of the centerline of support leg A (support leg B) with respect to the downstream end of the flange on LINAC Tank 5, measured parallel to the beam trajectory.

The displacements for each module are listed in Table 1. Module 0 is the transition module. All dimensions are in inches.

MODULE	DT5FA	DT5FB
0	48.79	113.29
1	213.02	356.28
2	481.96	643.96
3	784.43	958.94
4	1109.76	1295.76
5	1455.75	1651.75
6	1820.05	2024.05
7	2199.81	2411.81

Table 1: Distance in inches from flange on Tank5 to SCC Module leg supports

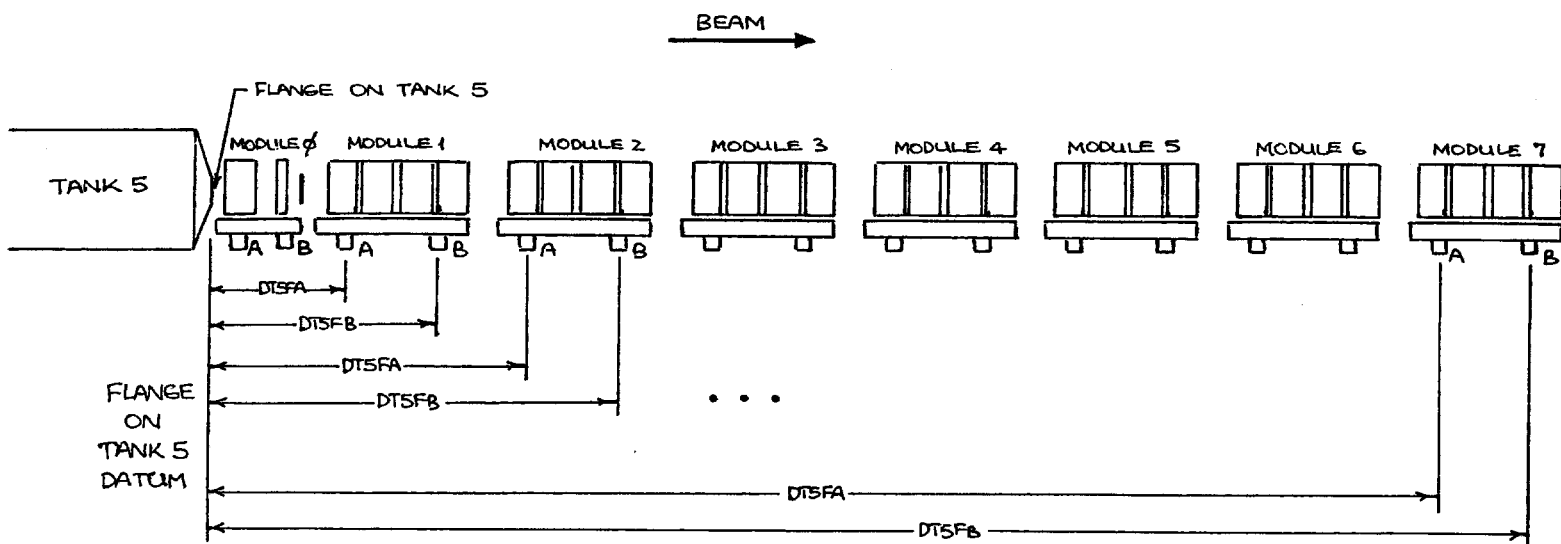


Figure 1: LINAC SCC Modules